

Title (en)

GENERATION OF PEROXYHYDROXYCARBOXYLIC ACID AND THE USE THEREOF

Title (de)

HERSTELLUNG EINER PEROXYHYDROXYCARBONSÄURE UND IHRE VERWENDUNG

Title (fr)

GÉNÉRATION D'ACIDE PEROXYHYDROXYCARBOXYLIQUE ET SON UTILISATION

Publication

**EP 4097082 C0 20240424 (EN)**

Application

**EP 21706148 A 20210129**

Priority

- US 202062968597 P 20200131
- US 2021015602 W 20210129

Abstract (en)

[origin: US2021238135A1] Peroxyhydroxycarboxylic acid forming compositions and methods for forming peroxyhydroxycarboxylic acids, preferably in situ, using the peroxyhydroxycarboxylic acid forming compositions are disclosed. Methods of using the peroxyhydroxycarboxylic acids, including for treating a surface or a target in need of antimicrobial or sanitizing treatment are also disclosed. Particular applications of using odor-free, low volatility peroxyhydroxycarboxylic acid sanitizers for direct food contact are disclosed.

IPC 8 full level

**C07C 409/24** (2006.01); **A01N 37/36** (2006.01); **C07C 407/00** (2006.01)

CPC (source: EP US)

**A01N 37/16** (2013.01 - US); **A01N 37/36** (2013.01 - EP); **C07C 407/00** (2013.01 - EP US); **C07C 407/006** (2013.01 - US);  
**C12P 7/42** (2013.01 - US)

C-Set (source: EP)

1. **C07C 407/00 + C07C 409/24**
2. **A01N 37/36 + A01N 59/00**

Designated contracting state (EPC)

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Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

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EP 4332090 A2 20240306; US 2024059651 A1 20240222; WO 2021155078 A1 20210805

DOCDB simple family (application)

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US 202318485955 A 20231012